

Abstract of the Invention

Acoustic energy is used to control motion in a fluid. According to one embodiment, the invention directs acoustic energy at selected naturally occurring nucleation features to control motion in the fluid. In another embodiment, the invention provides focussed or unfocussed
5 acoustic energy to selectively placed nucleation features to control fluid motion. According to one embodiment, the invention includes an acoustic source, a controller for controlling operation of the acoustic source, and one or more nucleation features located proximate to or in the fluid to be controlled.

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